














<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>(PTO-1449)</b>				ATTY. DOCKET NO. 110347.302US4		SERIAL NO. Unassigned	
				APPLICANT Edward A. BELBRUNO			
				FILING DATE herewith		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
C	6,059,233	05/09/00	Koppel et al.			12/30/97	
	5,681,011	10/28/97	Frazier			08/24/93	
	5,595,360	01/21/97	Spitzer			03/25/94	
	5,568,904	10/29/96	Brock et al.			08/28/92	
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	5,506,780	04/09/96	Montenbruck et al.			10/23/92	
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	5,433,726	07/18/95	Horstein et al.			05/28/92	
	5,421,540	06/06/95	Ting			08/26/92	
	5,199,672	04/06/93	King et al.			05/25/90	
	5,163,640	11/17/92	Altobelli			12/14/90	
	5,158,249	10/27/92	Uphoff			10/12/90	
C	5,120,008	06/09/92	Ramohalli			07/28/89	
<del>          </del>	<del>6,067,672</del>	<del>11/26/91</del>	<del>Bouzat</del>			<del>04/24/90</del>	
C	5,064,152	11/12/91	Maute			12/05/89	
	4,618,112	10/21/86	Keigler			04/15/83	
	T100,604	05/05/81	Crill et al.			01/29/79	
	4,599,697	07/08/86	Chan et al.			08/11/82	
	4,288,051	09/08/81	Goschel			04/19/79	
	3,676,581	07/11/72	Swet			02/01/71	
C	3,532,298	10/06/70	Swet			10/31/67	
EXAMINER <span style="font-family: cursive;">C - a -</span>			DATE CONSIDERED <span style="font-family: cursive;">7/8/01</span>				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p align="center"><b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b></p> <p align="center">(PTO-1449)</p>	<p>ATTY. DOCKET NO. 110347.302US4</p>	<p>SERIAL NO. Unassigned</p>
	<p>APPLICANT Edward A. BELBRUNO</p>	
	<p>FILING DATE herewith</p>	<p>GROUP</p>
<p align="center"><b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b></p>		
	<p>03 April 2001, International Preliminary Examination Report from PCT/US98/08247.</p>	
	<p>David, L., "The Future In Space Toll Roads", <i>space.com</i>, July 27, 2000 XP002161884.</p>	
	<p>"AsiaSat Salvage Idea Originated Outside Hughes", <i>Space views</i>, online, January 16, 1998, XP002161885.</p>	
	<p>Kawaguchi et al., "On Making Use of Lunar and Solar Gravity Assists in Lunar-A, Planet-B Missions", <i>Acta Astronautica</i>, 1995, Vol. 35, Nos. 9-10, pp. 633-642.</p>	
	<p>Belbruno, E., "Ballistic Lunar Capture Transfers Using the Fuzzy Boundary and Solar Perturbations: A Survey", <i>Journal of the British Interplanetary Society</i>, Vol. 47, No. 2, February 1994, pp. 73-80.</p>	
	<p>Belbruno, E., "The Dynamical Mechanism of Ballistic Lunar Capture Transfers in the Four-Body Problem From the Perspective of Invariant Manifolds and Hills Regions", <i>The Geometry Center; University of Minnesota</i>, 1994, No. 270, pp. 1-24.</p>	
	<p>Belbruno, E. A., J. K. Miller, "Sun-Perturbed Earth-to-Moon Transfers with Ballistic Capture", <i>Journal of Guidance, Control and Dynamics</i>, August 1993, Volume 16, No.4, pp. 770-775.</p>	
	<p>Graziani, F., M. M. Castronuovo, and P. Teofilatto, "Geostationary Orbits from Mid-Latitude Launch Sites Via Lunar Gravity Assist," An American Astronautical Society Publication reprinted from <i>Spaceflight Dynamics</i>, 1993, Vol. 84, pp. 561-572.</p>	
	<p>Krish V., E. A. Belbruno, W. M. Hollister, "An Investigation into Critical Aspects of a New Form of Low Energy Lunar Transfer, the Belbruno-Miller Trajectories", 1992 AIAA Astrodynamics Conference, 10-12 August 1992, pp. 435-444.</p>	
	<p>Miller, J. K., E. A. Belbruno, "A Method for the Construction of a Lunar Transfer Trajectory Using Ballistic Capture, AAS Paper 91-100", AAS/AIAA Annual Spacelight Mechanics Meeting, Vol. 1, 11-13, February 1991, pp. 97-108.</p>	
	<p>Cook et al., "Return to the Moon: The Lunar Observer Mission", <i>Jet Propulsion Laboratory, California Institute of Technology</i>, 1990, pp. 232-245.</p>	
	<p>Yamakawa et al., "On Earth-Moon Transfer Trajectory with Gravitational Capture", <i>The Institute of Space and Astronautical Science</i>, pp. 1-20.</p>	
<p>EXAMINER</p> 	<p>DATE CONSIDERED</p> <p align="right">7/8/04</p>	

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